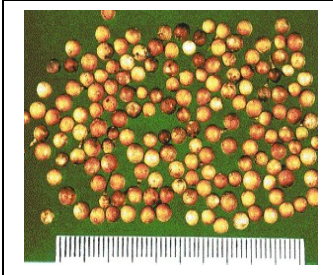


Hydration Complex –VDS

Very Dry Skin

Preservative Free

100 % Vegetable Origin



INCI NAME: Olea Europaea (Olive) Oil Unsaponifiables (and) Butyrospermum Parkii (Shea Butter) (and) Olea Europaea (Olive) Oil (and) Crambe Abyssinica Seed Oil (and) Cannabis Sativa Seed Oil (and) Tocopherol

Description

This multi-functional natural butter was developed for formulations based on very dry skin. Each individual ingredient was carefully selected according to its recognised skincare attributes. By choosing to formulate with this unique complex we have enabled the formulator to reduce the total amount of individual ingredients (hence time) necessary to add to the formula.

The Cosmetic Properties of each individual ingredient incorporated into the complex

- Olive oil Unsaponifiables, the main constituent of this raw material is olive squalene. Squalene is a natural constituent of human sebum. Its role is that of an antioxidant. Kohno (1) proved that squalene is a quencher of singlet oxygen and does not propagate skin lipid oxidation. Yamamoto (2) also concludes that squalene serves as a trap for singlet oxygen thus preserving membrane fatty acids from peroxidation.
- Shea Butter is an excellent skin moisturiser and it also restores skin flexibility and elasticity. It will help to increase the viscosity and consistency of finished products.
- Abyssinian oil melts instantaneously on the skin and is readily absorbed. It is a natural emollient with a unique light after skin feel, non tacky. It has excellent slip characteristics. Great new marketing possibilities
- Hemp Seed Oil is an excellent natural emollient. It prevents skin moisture loss and restores the skin suppleness and flexibility. It gives a dry and soft skin after feel. One of the most effective oils used in the treatment of dry skin.

Cosmetic attributes of Hydration Complex – Very Dry Skincare

- Very Intensive skin moisturiser
- Penetrates easily into the epidermis
- Helps to stabilise emulsions and to adjust viscosity

The butter is solid and melts between 45 - 55 °C. We would suggest adding the butter to an emulsion system in the oil phase.

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Suggested cosmetic applications of Hydration Complex – Very Dry Skincare

- Face creams/lotions and balms for very dry skin including both day and night creams for both men and women
- Body creams/lotions/balms and butters for very dry skin
- Hand & nail creams and lotions for very dry skin
- Foot care creams : lotions and balms for very dry skin

Main Characteristics

Appearance at 20°C	Soft, off-white to ivory solid
Odour	Faint, characteristic
Melting range, °C	45 - 55

Standard Packaging

White plastic pails, 25 kg net

Storage

Store in a cool dry place in original unopened containers

Shelf Life

24 months in original unopened packaging

- (1) Kohno, Biochem. Biophys. Acta., 1256, 52 (1995)
- (2) Yamamoto, J. Dermatol. Sci., 27, Supp 1, S1- S4 (2001)